

WHAT IS CLAIMED IS:

1. An image forming apparatus comprising:
a movable image carrier for carrying a toner image
thereon;
image forming means for forming the toner image on the
movable image carrier;
transfer means for electrostatically transferring the
toner image on the movable image carrier to a transfer
medium at a transfer position;
electrifying means for electrifying the toner image on
the movable image carrier before the toner image reaches the
transfer position;
bias applying means for applying a bias to the
electrifying means; and
control means for controlling the bias output by the
bias applying means in accordance with information about
surface roughness of the transfer medium.

2. The image forming apparatus according to Claim 1,
further comprising information input means for inputting the
information about the surface roughness of the transfer
medium,
wherein said control means controls the bias output of
said bias applying means in accordance with the information

inputted into said information input means.

3. The image forming apparatus according to Claim 1, further comprising surface roughness detecting means for detecting the surface roughness of the transfer medium, wherein said control means controls the bias output of the bias applying means in accordance with the surface roughness detected by said surface roughness detecting means.

4. The image forming apparatus according to Claim 1, wherein said control means controls said bias applying means so that a charge of the toner image on the movable image carrier decreases as the surface roughness of the transfer medium increases.

5. The image forming apparatus according to Claim 1, wherein said control means controls the bias output by said bias applying means so that the absolute value of the direct current component of the output of said bias applying means decreases as the surface roughness of the transfer medium increases.

6. The image forming apparatus according to Claim 5, wherein said bias applying means is also for applying a bias in which a direct current component and an alternating

current component are superimposed.

7. The image forming apparatus according to Claim 1, wherein said movable image carrier comprises a photoconductor on which an electrostatic latent image is formed.

8. The image forming apparatus according to Claim 1, wherein said image forming means comprises a photoconductor on which an electrostatic latent image is formed, a developer for developing the electrostatic latent image with toner, and a primary transfer means for transferring the toner image on the photoconductor to an intermediate transfer member; and

wherein said movable image carrier is an intermediate transfer member.